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| CHANGE REQUEST |
| Meeting ID:\* | PRO 31 |
| Source:\* | Poornima, C-DOT, poornima@cdot.inGiri, C-DOT, moode@cdot.in |
| Date:\* | 2017-08-02 |
| Reason for Change/s:\* | See the introduction  |
| CR against: Release\* | Release 3 |
| CR against: WI\* | [ ]  Active <Work Item number> [x]  MNT maintenance / < Work Item number(optional)>Is this a mirror CR? Yes [ ]  No [x] mirror CR number: (Note to Rapporteur - use latest agreed revision)[ ]  STE Small Technical Enhancements / < Work Item number (optional)>Only ONE of the above shall be ticked |
| CR against: TS/TR\* | TS-0004 Version 3.3.0 |
| Clauses \* | 7.4.15.2.4 |
| Type of change: \* | [ ]  Editorial change[x]  Bug Fix or Correction[ ]  Change to existing feature or functionality[ ]  New feature or functionalityOnly ONE of the above shall be ticked |
| Impacted other TS/TR(s) | <TS/TR number>, <Version Number>, and <Description on which aspect should be reflected in this TS/TR> |
| Post Freeze checking:\* | This CR contains only essential changes and corrections? YES [x]  NO [ ] This CR may break backwards compatibility with the last approved version of the TS? YES [ ]  NO [ ]  |
| Template Version: January 2017 (Do not modify) |

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GUIDELINES for Change Requests:

Provide an informative introduction containing the problem(s) being solved, and a summary list of proposals.

Each CR should contain changes related to only one particular issue/problem.

In case of a correction, and the change apply to previous releases, a separate “mirror CR” should be posted at the same time of this CR

Mirror CR: applies only when the text, including clause numbering are exactly the same.

Companion CR: applies when the change means the same but the baselines differ in some way (e.g. clause number).

Follow the principle of completeness, where all changes related to the issue or problem within a deliverable are simultaneously proposed to be made E.g. A change impacting 5 tables should not only include a proposal to change only 3 tables. Includes any changes to references, definitions, and acronyms in the same deliverable.

Follow the drafting rules.

All pictures must be editable.

Check spelling and grammar to the extent practicable.

Use Change bars for modifications.

The change should include the current and surrounding clauses to clearly show where a change is located and to provide technical context of the proposed change. Additions of complete clauses need not show surrounding clauses as long as the proposed clause number clearly shows where the new clause is proposed to be located.

Multiple changes in a single CR shall be clearly separated by horizontal lines with embedded text such as, start of change 1, end of change 1, start of new clause, end of new clause.

When subsequent changes are made to content of a CR, then the accepted version should not show changes over changes. The accepted version of the CR should only show changes relative to the baseline approved text.

## Introduction

Currently update procedure is described as update of the resource as well as execution of a management procedure. Execution happen when UPDATE request contains executable attribute. An originator may specify normal as well as executable attributes in one request. So there should be some handling for same.

The CR proposes to add the description for above case.

Changes from the following contributions [PRO-2017-0177R01](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=23638&fromList=Y) [mgmtObj\_EXECUTE\_R3](http://member.onem2m.org/Application/documentApp/documentinfo/?documentId=23638&fromList=Y) are not reflected in the TS-0004 Service Layer Core Protocol. So the changes from the CR mentioned above are also included.

### -----------------------Start of change 1-------------------------------------------

##### Update

The Update primitive is used for the update of the resource as well as the execution of a management procedure. The execution is performed using an Update primitive by addressing a specific attribute to start the management procedure (Refer Annex. D). If the Update primitive addresses both normal as well as executable attributes then it shall perform the execution after the update of normal attributes.

Primitive specific operation after Recv-6.5 "Create/Update/Retrieve/Delete/Notify operation is performed" and before Recv-6.6 "Announce/De-announce the resource" if the originator is IN-AE.

1. "Identify the managed entity and the technology specific protocol".
2. "Locate the technology specific data model objects to be managed on the managed entity".
3. "Establish a management session with the managed entity".
4. "Send the management request(s) to the managed entity corresponding to the received Request primitive". The receiver may also update the <mgmtObj> resource representation with the retrieved technology specific data model object information if required according to the local policy.

### -----------------------End of change 1---------------------------------------------

CHECK LIST

* Does this Change Request include an informative introduction containing the problem(s) being solved, and a summary list of proposals.?
* Does this CR contain changes related to only one particular issue/problem?
* Have any mirror CRs been posted?
* Does this Change Request make **all** the changes necessary to address the issue or problem? E.g. A change impacting 5 tables should not include a proposal to change only 3 tables?Does this Change Request follow the drafting rules?
* Are all pictures editable?
* Have you checked the spelling and grammar?
* Have you used change bars for all modifications?
* Does the change include the current and surrounding clauses to clearly show where a change is located and to provide technical context of the proposed change? (Additions of complete clauses need not show surrounding clauses as long as the proposed clause number clearly shows where the new clause is proposed to be located.)
* Are multiple changes in this CR clearly separated by horizontal lines with embedded text such as, start of change 1, end of change 1, start of new clause, end of new clause.?